

D.T.E. 03-121
Attachment NEDGC-1-2 (f) (Supp)



Cambridge Electric Light Company
Post Office Box 9150
Cambridge, Massachusetts 02142-9150
Telephone (617) 225-4000

June 11, 1993

Department of Public Utilities
100 Cambridge Street
Boston, MA 02202

Attention: Mary L. Cottrell, Secretary

Re: Cambridge Electric Light Company, DPU 92-250

Dear Madam Secretary:

Cambridge Electric Light Company ("Cambridge") submits herewith for the Department's approval a revised set (Set B) of rate schedules designed to comply with the Department's order in this proceeding. On June 9, 1993 Cambridge filed two alternative sets of new rate schedules (Set A and Set B) in compliance with the Department's order in this proceeding issued May 28, 1993.^{1/} Pursuant to advice from the Department's staff, Cambridge has revised its rate schedules under alternative Set B to reflect a capping of the percentage increase to the Outdoor Lighting class at 1.5 times the average percentage increase to total revenue requirement approved by the Department. In support of the revised rate schedules, Cambridge provides Attachments A-E, described below. For ease of reference and understanding, the schedules included in the attachments retain the same numerical designations as provided in Cambridge's pre-filed testimony and its original compliance filing.

Attachment A sets forth Schedule 3 and Schedule 4 showing the development of revenue requirements by individual rate schedule. Schedules 4 and 4A set forth the development of the revenue increase assigned to each rate class.

Attachment B sets forth Schedule 5 which is a summary of rate changes by rate schedule.

Attachment C sets forth Schedule 6 which consists of the individual rate design models and revenue proofs used to determine rate schedule prices.

Attachment D sets forth monthly typical bill comparisons for all rate schedules. The typical bill calculations under present rates are based on the Fuel Charge decimal which was in effect just prior to the effective date of the new rates. The Fuel Charge decimal applied to bill calculations under

^{1/} Cambridge also submitted two revised Interruptible Rate I-1 schedules (M.D.P.U. No. 541A and M.D.P.U. No. 541B) to the Department on June 10, 1993 as replacements for the interruptible rate schedules filed in Set A and Set B on June 9, 1993.

June 11, 1993

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proposed rates is based on the Company's proposed decimal to become effective on June 1, 1993 which is the subject of pending DPU 93-2A-1.

Attachment E sets forth workpapers showing the development of: (1) the Company's Low Income model revised to comply with the Order and (2) the change in energy prices per kilowatt-hour calculated to reflect the phase-in of the Post Retirement Benefits other than Pensions. The yearly energy price changes shown on this workpaper were added to the June 1, 1993 prices to develop the prices indicated on each rate schedule to become effective each successive June 1 through the year 1996 in compliance with the Order.

Based on the rate schedules submitted herewith, bills to typical residential customers without electric heating would increase in amounts ranging from approximately \$0.82 per month for a customer using 80 KWH per month to approximately \$5.02 per month for a customer using 630 KWH per month. Monthly billings to customers having electric heating would increase from approximately \$2.60 per month for a customer using 310 KWH per month to approximately \$17.75 per month for a customer using 2,540 KWH per month.

Cambridge respectfully requests Department approval of the rate schedules submitted herewith and would be pleased to provide such additional information concerning this matter as the Department may request.

Very truly yours,



Steven A. Brav
Director of Rates

Attachments

cc: Janet Besser, Director - Electric Power Division
Kevin Brannelly, Director - Rates & Rev. Req. Division
Robert Shapiro, Esquire - General Counsel
Paul A. Szymanski, Esquire - Hearing Officer
Edward G. Bohlen, Esq. - Deputy Chief A.G.R.I.D.
Michael B. Meyer, Esq.
Andrew J. Newman, Esq.

REVISED
[6/15/93]

Schedule 10

CAMBRIDGE ELECTRIC LIGHT COMPANY
REVENUE ALLOCATION
D.P.U. 92-250

REVENUE REQUIREMENT INCREASE
LOW INCOME SUBSIDY

97,647,304
(8342,375)

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
DATE SCHEDULES	ADJUSTED PRESENT REVENUE 1/	ADJUSTED PRESENT REVENUE 2/	ADJUSTED CC REVENUE 3/	ADJUSTED TOTAL REVENUE 4/	COST TO SERVICE 5/	ALLOCATION OF UNPAID ADJUSTMENT 6/	ALLOCATION OF INTERMITTENT CONTRACT ADJUSTMENT 8/	ALLOCATION OF LOW-INCOME SUBSIDY 7/	LOW INCOME REASON 9/	BASE REVENUE REQUIREMENT PER ORDER 10/	INCREASE IN BASE REVENUE 11/	PERCENT INCREASE IN BASE REVENUE 12/	PERCENT INCREASE IN TOTAL REVENUE 13/
RESIDENTIAL (R-1)	\$10,793,296	\$4,105,851	\$148,340	\$15,047,487	\$18,985,740	\$7,541	(811,771)	\$58,310	\$44,848	\$11,807,582	\$1,174,288	10.86%	7.80%
RESIDENTIAL ASST. (R-2)	8864,218	3433,273	812,590	11,240,131	8495,421	1880	(8292)	(301,955)	(844,348)	8568,918	(8315,302)	-35.86%	-25.42%
RESID. HEATING (R-3)	8711,041	8273,209	0	8934,250	81,186,043	8554	(8972)	84,850	88,474	8795,081	888,950	12.47%	9.49%
RES. HTNG ASST. (R-4)	8122,827	847,703	0	8170,530	840,572	820	(831)	(840,428)	(88,474)	876,798	(846,328)	-37.78%	-27.20%
OPT. RES. TOU (R-5)	81,028	8403	0	81,429	81,429	81	80	80	80	81,027	81	0.10%	0.07%
OPT. RES. HTNG TOU (R-6)	8888	8448	0	81,337	81,337	81	80	80	80	8890	81	0.11%	0.07%
GENERAL (R-7)	82,058,540	8861,078	884,808	83,084,374	82,380,548	81,802	(81,492)	87,137	882,854	82,216,052	8187,513	7.65%	5.11%
GEN. TOU SEC. (R-8)	88,830,508	84,562,114	8712,372	815,105,054	818,313,551	88,408	(813,138)	882,854	882,854	811,052,531	81,221,863	12.43%	8.08%
ING. GEN. TOU SEC. (R-9)	816,186,117	85,102,891	8801,175	875,890,133	829,029,822	819,082	(820,504)	898,088	898,088	818,126,045	81,239,878	11.89%	7.48%
ING. GEN. TOU PH. (R-10)	820,088,535	814,834,844	83,238,158	838,040,337	841,485,338	830,834	(819,891)	895,155	895,155	822,808,848	82,740,313	13.86%	7.20%
OPT. GEN. TOU (R-11)	846,248	827,198	0	873,446	873,446	858	80	80	80	846,304	858	0.12%	0.08%
COMM. SPACE HEATING (R-12)	81,205,710	8582,055	0	81,787,765	81,871,724	81,231	(81,558)	87,443	87,443	81,331,678	8125,985	10.45%	7.05%
STREET LIGHTING	81,077,005	8159,362	0	81,236,367	81,683,745	8340	(82,245)	810,738	810,738	81,193,386	8116,381	10.81%	9.41%
CONTRACTS	8381,059	8288,998	0	8658,055	8658,055	8572	871,894	80	80	8483,525	877,468	18.53%	11.01%
UNPAID SALES	(8237,234)	(82,008,011)	0	(82,245,245)	80	(871,582)	80	80	80	(8308,818)	(871,582)	30.17%	3.19%
RETAIL TOTAL	883,137,045	832,280,380	84,878,353	8101,025,070	8113,480,504	80	80	80	80	870,341,854	87,204,310	11.41%	7.13%
WHOLESALE	86,785,951	(8738,858)	0	86,029,295	86,978,702	80	80	80	80	87,208,848	8442,894	6.55%	7.35%
TOTAL	889,803,596	831,543,724	84,878,353	8108,325,713	8120,437,206	80	80	80	80	877,550,800	87,847,304	10.94%	7.19%

- 1/ Ewh. DPU-8, Schedule 3C, 3E; Note: FC roll-in is \$11,421,034 based on Ewh. CEL-9, Sch. 8 Revised
2/ Ewh. DPU-8, Schedule 3C, 3F; Note: FC roll-in is \$11,421,034 based on Ewh. CEL-9, Sch. 8 Revised
3/ Ewh. DPU-8, Schedule 3D
4/ (B) + (C) + (D)
5/ RR-DPU-12
6/ Ewh. DPU-8, Schedule 4; Interruptible Contract adjustment is allocated on Rate Base from RR-DPU-12
7/ Allocated based on Rate Base from RR-DPU-12
8/ Additional revenue reassignment when low-income charges are discounted and R-1 and R-3 charges are set to meet target revenue.
Note: Charges are set to recover a combined (R-1/R-2) and (R-3/R-4) revenue target, respectively
9/ (B) + (C) + (D) + (E) + (F) + (G) + (H) + (I) + (J) + (K) + (L) + (M) + (N) + (O) + (P) + (Q) + (R) + (S) + (T) + (U) + (V) + (W) + (X) + (Y) + (Z)
10/ (K) - (B)
11/ (L) / (B)
12/ (L) / (E)

CAMBRIDGE ELECTRIC LIGHT COMPANY

SCHEDULE OF RATES

	<u>Rate</u>	<u>M.D.P.U. No.</u>
Terms and Conditions	-	526B
Residential	R-1	527B
Residential Assistance	R-2	528B
Residential Space Heating	R-3	529B
Residential Assistance Space Heating	R-4	530B
Optional Residential Time-of-Use	R-5	531B
Optional Residential Space Heating Time-of-Use	R-6	532B
General (Non-Demand)	G-0	533B
General	G-1	534B
Large General Time-of-Use/Secondary Service	G-2	535B
Large General Time-of-Use/13.8 Kv Service	G-3	536B
Optional General Time-of-Use	G-4	537B
Commercial Space Heating (Closed)	G-5	538B
Optional General Time-of-Use (Non-Demand)	G-6	539B
Outdoor Lighting	S-1	540B
Large General Interruptible Service	I-1	541B
Fuel Charge	FC	542B
Conservation Charge	CC	543B
Energy Conservation Service Charge	ECS	544B
Cancellation Supplement		466B

June 1, 1993

LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

AVAILABILITY

This rate is available for all uses of electricity to Customers whose metered load exceeds or is estimated to exceed 100 kilowatts for at least 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions each as in effect from time to time.

CHARACTER OF SERVICE

The Company provides 60 hertz, three-phase, alternating current service at either secondary or primary voltages under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 120/208, 277/480 or 2400/4160 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Customer Charge: \$100.00 per month

Demand Charge:

First 100 kilovolt-amperes	\$ 6.72	per kilovolt-ampere
Over 100 kilovolt-amperes	\$ 13.45	per kilovolt-ampere

Energy Charge:

Effective June 1, 1993

Peak Load Period	2.860	cents per kilowatt-hour
Low Load Period A	2.208	cents per kilowatt-hour
Low Load Period B	1.617	cents per kilowatt-hour

Effective June 1, 1994

Peak Load Period	2.884	cents per kilowatt-hour
Low Load Period A	2.232	cents per kilowatt-hour
Low Load Period B	1.641	cents per kilowatt-hour

LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE
(Continued)

RATE G-2

RATE PER MONTH (Continued)

Energy Charge: (Continued)

Effective June 1, 1995

Peak Load Period	2.907	cents per kilowatt-hour
Low Load Period A	2.255	cents per kilowatt-hour
Low Load Period B	1.664	cents per kilowatt-hour

Effective June 1, 1996

Peak Load Period	2.931	cents per kilowatt-hour
Low Load Period A	2.279	cents per kilowatt-hour
Low Load Period B	1.688	cents per kilowatt-hour

Other Charges:

Service under this rate is subject to the Company's Fuel Charge, Conservation Charge and Energy Conservation Service Charge.

PRIMARY SERVICE

When the Customer takes service at the Company's available primary voltage (2400/4160 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of three percent (3%) will apply to the rates specified above, excluding the Fuel Charge, Conservation Charge and Energy Conservation Service Charge.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of two percent (2%) will apply to the bill amount determined under all of the foregoing provisions of this rate schedule, excluding the Energy Conservation Service Charge.

MINIMUM CHARGE

The minimum charge per month shall be the sum of the Customer Charge, the Demand Charge and the Energy Conservation Service Charge.

LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE
(Continued)

RATE G-2

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 47% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE
(Continued)

RATE G-2

SPECIAL EQUIPMENT

Where customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$6.50 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

SPECIAL PROVISION

Upon the request of a Customer, the Company may elect to supply service under this rate at approximately 13,800 volts at temporary service locations only.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 36 consecutive months and shall continue thereafter until terminated on 6 months written notice.

Filed Pursuant to Order of
Massachusetts Department of Public Utilities
May 28, 1993 in D.P.U. 92-250

LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

AVAILABILITY

This rate is available for all uses of electricity to Customers whose metered load exceeds or is estimated to exceed 100 kilowatts for at least 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions each as in effect from time to time.

CHARACTER OF SERVICE

The Company provides 60 hertz, three-phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

RATE PER MONTH

Customer Charge: \$100.00 per month

Demand Charge:

Peak Load Period	
First 100 kilovolt-amperes	\$ 624.66
Over 100 kilovolt-amperes	\$ 11.50 per kilovolt-ampere

Energy Charge:

Effective June 1, 1993

Peak Load Period	2.117	cents per kilowatt-hour
Low Load Period A	1.486	cents per kilowatt-hour
Low Load Period B	0.917	cents per kilowatt-hour

Effective June 1, 1994

Peak Load Period	2.141	cents per kilowatt-hour
Low Load Period A	1.510	cents per kilowatt-hour
Low Load Period B	0.941	cents per kilowatt-hour

Effective June 1, 1995

Peak Load Period	2.164	cents per kilowatt-hour
Low Load Period A	1.533	cents per kilowatt-hour
Low Load Period B	0.964	cents per kilowatt-hour

Issued by: R. D. Wright
President

Filed: June 11, 1993
Effective: June 1, 1993

LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE
(Continued)

RATE G-3

RATE PER MONTH (Continued)

Energy Charge: (Continued)

Effective June 1, 1996

Peak Load Period	2.188	cents per kilowatt-hour
Low Load Period A	1.557	cents per kilowatt-hour
Low Load Period B	0.988	cents per kilowatt-hour

Other Charges:

Service under this rate is subject to the Company's Fuel Charge, Conservation Charge and Energy Conservation Service Charge.

MINIMUM CHARGE

The minimum charge per month shall be the sum of the Customer Charge, Demand Charge and the Energy Conservation Service Charge.

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 26% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE
(Continued)

RATE G-3

BILLING PERIODS (Continued)

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$2.74 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 36 consecutive months and shall continue thereafter until terminated on 6 months written notice.

Filed Pursuant to Order of
Massachusetts Department of Public Utilities
May 28, 1993 in D.P.U. 92-250

Issued by: R. D. Wright
President

Filed: June 11, 1993
Effective: June 1, 1993

SCH3A

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-A

PROPOSED REVENUES

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1)	(2)	(3)	(4)
			PROPOSED REVENUES			
			BASE	FUEL	CC	TOTAL
RESIDENTIAL	R-1	R-1	\$12,181,231	\$3,433,416	\$150,504	\$15,765,150
RESIDENTIAL ASST.	R-2	R-2	578,637	286,906	10,426	875,970
RESIDENTIAL HEATING	R-3	R-3	808,957	231,582	0	1,040,539
RES. HEATING ASST.	R-4	R-4	76,718	39,331	0	116,049
OPT. RESIDENTIAL TOU	R-5	R-5	1,138	402	(0)	1,540
OPT. RES. HEATING TOU	R-6	R-6	1,025	447	(0)	1,472
GENERAL	G-1	G-0	2,558,480	961,027	135,229	3,654,736
	G-1	G-1	11,076,359	4,562,115	641,950	16,280,424
LARGE GENERAL TOU SECONDARY	G-2	G-2	18,362,868	9,102,891	601,125	28,066,884
LARGE GENERAL TOU 13.8 KV	G-3	G-3	22,076,201	14,634,644	3,339,158	40,050,003
OPT. GENERAL TOU	G-4	G-4	51,024	27,199	(0)	78,222
COMMERCIAL SPACE HEATING	G-5	G-5	1,229,693	582,055	(0)	1,811,748
OUTDOOR LIGHTING STREET LIGHTING FLOOD LIGHTING	S-1	S-1	1,115,804	142,884	(0)	1,258,688
			94,653	16,497	0	111,150
CONTRACTS	-	-	431,141	266,996	0	698,136
UNBILLED SALES	-	-	(288,040)	(2,008,011)	0	(2,296,050)
RETAIL TOTAL			70,355,888	32,280,381	4,878,392	107,514,661
WHOLESALE			7,192,485	(736,657)	0	6,455,828
TOTAL			\$77,548,373	\$31,543,724	\$4,878,392	\$113,970,489

H3B

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-B

REVENUE COMPARISON

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1)	(2)	(3)	(4)	(5)	(6)
			ADJUSTED PRESENT	PRESENT	PROPOSED		DIFFERENCE	
			BASE	TOTAL	BASE	TOTAL	AMOUNT	% TOTAL
RESIDENTIAL	R-1	R-1	\$10,958,623	\$14,542,543	\$12,181,231	\$15,765,150	\$1,222,607	8.4%
RESIDENTIAL ASST.	R-2	R-2	718,891	1,016,224	578,637	875,970	(140,254)	-13.8%
RESIDENTIAL HEATING	R-3	R-3	735,401	966,983	808,957	1,040,539	73,556	7.6%
RES. HEATING ASST.	R-4	R-4	98,266	137,597	76,718	116,049	(21,547)	-15.7%
OPT. RESIDENTIAL TOU	R-5	R-5	1,026	1,428	1,138	1,540	112	7.8%
OPT. RES. HEATING TOU	R-6	R-6	889	1,336	1,025	1,472	136	10.2%
GENERAL	G-1	G-0	2,058,540	3,154,796	2,558,480	3,654,736	499,940	15.8%
	G-1	G-1	9,830,567	15,034,633	11,076,359	16,280,424	1,245,791	8.3%
LARGE GENERAL TOU SECONDARY	G-2	G-2	16,186,117	25,890,133	18,362,868	28,066,884	2,176,751	8.4%
LARGE GENERAL TOU 13.8 KV	G-3	G-3	20,066,536	38,040,337	22,076,201	40,050,003	2,009,665	5.3%
T. GENERAL TOU	G-4	G-4	46,247	73,446	51,024	78,222	4,776	6.5%
COMMERCIAL SPACE HEATING	G-5	G-5	1,205,710	1,787,765	1,229,693	1,811,748	23,983	1.3%
OUTDOOR LIGHTING STREET LIGHTING FLOOD LIGHTING	S-1	S-1	993,208	1,136,092	1,115,804	1,258,688	122,596	10.8%
			83,798	100,295	94,653	111,150	10,855	10.8%
CONTRACTS	-	-	391,059	658,055	431,141	698,136	40,082	6.1%
UNBILLED SALES	-	-	(237,234)	(2,245,245)	(288,040)	(2,296,050)	(50,805)	2.3%
RETAIL TOTAL			63,137,644	100,296,417	70,355,888	107,514,661	7,218,244	7.2%
WHOLESALE			6,765,952	6,029,295	7,192,485	6,455,828	426,533	7.1%
TOTAL			\$69,903,596	\$106,325,712	\$77,548,373	\$113,970,489	\$7,644,777	7.2%

SCH3C

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-C						
PRESENT REVENUES						
RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1)	(2)	(3)	(4)
			PRESENT REVENUES			
			BASE	FUEL	CC	TOTAL
RESIDENTIAL	R-1	R-1	\$10,354,339	\$5,179,103	(\$23,993)	\$15,509,449
RESIDENTIAL ASST.	R-2	R-2	162,726	121,101	(768)	283,060
RESIDENTIAL HEATING	R-3	R-3	729,670	375,240	(3,202)	1,101,707
RES. HEATING ASST.	R-4	R-4	17,676	13,553	(126)	31,102
OPT. RESIDENTIAL TOU	R-5	R-5	903	573	(3)	1,473
OPT. RES. HEATING TOU	R-6	R-6	732	651	(9)	1,373
GENERAL	G-1	G-0	1,760,635	1,366,061	4,150	3,130,846
	G-1	G-1	8,416,376	6,484,866	19,698	14,920,941
LARGE GENERAL TOU SECONDARY	G-2	G-2	13,320,914	12,978,240	407,264	26,706,418
LARGE GENERAL TOU 13.8 KV	G-3	G-3	15,438,985	20,862,732	667,111	36,968,828
OPT. GENERAL TOU	G-4	G-4	37,767	38,677	139	76,583
COMMERCIAL SPACE HEATING	G-5	G-5	1,020,695	830,925	(7,383)	1,844,237
OUTDOOR LIGHTING STREET LIGHTING FLOOD LIGHTING	S-1	S-1	947,411	205,016	(3)	1,152,424
			78,484	23,694	(233)	101,945
CONTRACTS	-	-	151,176	383,282	0	534,458
UNBILLED SALES	-	-	(162,040)	(2,083,205)	0	(2,245,245)
RETAIL TOTAL			52,276,449	46,780,509	1,062,641	100,119,599
WHOLESALE			6,029,295	0	0	6,029,295
TOTAL			\$58,305,744	\$46,780,509	\$1,062,641	\$106,148,894

SCH3D

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-D

ADJUSTED PRESENT REVENUES

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1)	(2)	(3)	(4)
			ADJUSTED REVENUES			
			BASE	FUEL	CC	TOTAL
RESIDENTIAL	R-1	R-1	\$10,958,623	\$3,433,416	\$150,504	\$14,542,543
RESIDENTIAL ASST.	R-2	R-2	718,891	286,906	10,426	1,016,224
RESIDENTIAL HEATING	R-3	R-3	735,401	231,582	0	966,983
RES. HEATING ASST.	R-4	R-4	98,266	39,331	0	137,597
OPT. RESIDENTIAL TOU	R-5	R-5	1,026	402	(0)	1,428
OPT. RES. HEATING TOU	R-6	R-6	889	447	(0)	1,336
GENERAL	G-1	G-0	2,058,540	961,027	135,229	3,154,796
	G-1	G-1	9,830,567	4,562,115	641,950	15,034,633
LARGE GENERAL TOU SECONDARY	G-2	G-2	16,186,117	9,102,891	601,125	25,890,133
LARGE GENERAL TOU 13.8 KV	G-3	G-3	20,066,536	14,634,644	3,339,158	38,040,337
OPT. GENERAL TOU	G-4	G-4	46,247	27,199	(0)	73,446
COMMERCIAL SPACE HEATING	G-5	G-5	1,205,710	582,055	(0)	1,787,765
OUTDOOR LIGHTING STREET LIGHTING FLOOD LIGHTING	S-1	S-1	993,208	142,884	(0)	1,136,092
			83,798	16,497	0	100,295
CONTRACTS	-	-	391,059	266,996	0	658,055
UNBILLED SALES	-	-	(237,234)	(2,008,011)	0	(2,245,245)
RETAIL TOTAL			63,137,644	32,280,381	4,878,392	100,296,417
WHOLESALE			6,765,952	(736,657)	0	6,029,295
TOTAL			\$69,903,596	\$31,543,724	\$4,878,392	\$106,325,712

SCH3E

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-E

BASE RATE REVENUE ADJUSTMENTS

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	BASE RATE REVENUE ADJUSTMENTS			
			(1)	(2)	(3)	(4)
			ADJUSTMENTS			
			ANNUALIZATION TEST YEAR	FC ROLL-IN	LI TRANSFER	TOTAL
RESIDENTIAL	R-1	R-1	\$0	\$1,133,442	(\$529,158)	\$604,284
RESIDENTIAL ASST.	R-2	R-2	0	27,007	529,158	556,165
RESIDENTIAL HEATING	R-3	R-3	0	83,333	(77,602)	5,731
RES. HEATING ASST.	R-4	R-4	0	2,989	77,602	80,590
OPT. RESIDENTIAL TOU	R-5	R-5	0	123	0	123
OPT. RES. HEATING TOU	R-6	R-6	0	157	0	157
GENERAL	G-1	G-0	0	297,905	0	297,905
	G-1	G-1	0	1,414,192	0	1,414,192
LARGE GENERAL TOU SECONDARY	G-2	G-2	0	2,865,203	0	2,865,203
LARGE GENERAL TOU 13.8 KV	G-3	G-3	22,937	4,604,613	0	4,627,550
OPT. GENERAL TOU	G-4	G-4	0	8,481	0	8,481
COMMERCIAL SPACE HEATING	G-5	G-5	0	185,015	0	185,015
OUTDOOR LIGHTING	S-1	S-1				
STREET LIGHTING			0	45,797	0	45,797
FLOOD LIGHTING			0	5,314	0	5,314
CONTRACTS	-	-	153,881	86,002	0	239,883
UNBILLED SALES	-	-	0	(75,194)	0	(75,194)
RETAIL TOTAL			176,818	10,684,377	0	10,861,195
WHOLESALE			0	736,657	0	736,657
TOTAL			\$176,818	\$11,421,034	\$0	\$11,597,852

SCH3F

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-F

FUEL CHARGE ADJUSTMENTS

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1)	(2)	(3)	(4)
			FC ROLL-OUT	CC ROLL-OUT	LI TRANSFER	TOTAL
RESIDENTIAL	R-1	R-1	(\$1,133,442)	(\$410,626)	(\$201,619)	(\$1,745,687)
RESIDENTIAL ASST.	R-2	R-2	(27,007)	(8,807)	201,619	165,805
RESIDENTIAL HEATING	R-3	R-3	(83,333)	(30,497)	(29,829)	(143,658)
RES. HEATING ASST.	R-4	R-4	(2,989)	(1,062)	29,829	25,778
OPT. RESIDENTIAL TOU	R-5	R-5	(123)	(47)	0	(171)
OPT. RES. HEATING TOU	R-6	R-6	(157)	(46)	0	(204)
GENERAL	G-1	G-0	(297,905)	(107,130)	0	(405,035)
	G-1	G-1	(1,414,192)	(508,560)	0	(1,922,751)
LARGE GENERAL TOU SECONDARY	G-2	G-2	(2,865,203)	(1,010,146)	0	(3,875,348)
LARGE GENERAL TOU 13.8 KV	G-3	G-3	(4,604,613)	(1,623,475)	0	(6,228,088)
OPT. GENERAL TOU	G-4	G-4	(8,481)	(2,998)	0	(11,479)
COMMERCIAL SPACE HEATING	G-5	G-5	(185,015)	(63,855)	0	(248,870)
OUTDOOR LIGHTING STREET LIGHTING FLOOD LIGHTING	S-1	S-1	(45,797)	(16,335)	0	(62,132)
			(5,314)	(1,883)	0	(7,196)
CONTRACTS	-	-	(86,002)	(30,284)	0	(116,286)
UNBILLED SALES	-	-	75,194	0	0	75,194
RETAIL TOTAL			(10,684,377)	(3,815,751)	0	(14,500,129)
WHOLESALE			(736,657)	0	0	(736,657)
TOTAL			(\$11,421,034)	(\$3,815,751)	\$0	(\$15,236,785)

SCH3G

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 3-G

CONSERVATION CHARGE ADJUSTMENTS

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1)	(2)	(3)	(4)
			CC ROLL-IN	ANNUALIZATIO	LI TRANSFER	TOTAL
RESIDENTIAL	R-1	R-1	\$410,626	(\$228,998)	(7,132)	174,497
RESIDENTIAL ASST.	R-2	R-2	8,807	(4,745)	7,132	11,195
RESIDENTIAL HEATING	R-3	R-3	30,497	(27,295)	(0)	3,202
RES. HEATING ASST.	R-4	R-4	1,062	(936)	\$0	126
OPT. RESIDENTIAL TOU	R-5	R-5	47	(45)	0	3
OPT. RES. HEATING TOU	R-6	R-6	46	(37)	0	9
GENERAL	G-1	G-0	107,130	23,949	0	131,079
	G-1	G-1	508,560	113,692	0	622,252
LARGE GENERAL TOU SECONDARY	G-2	G-2	1,010,146	(816,285)	0	193,861
LARGE GENERAL TOU 13.8 KV	G-3	G-3	1,623,475	1,048,572	0	2,672,047
OPT. GENERAL TOU	G-4	G-4	2,998	(3,137)	0	(139)
COMMERCIAL SPACE HEATING	G-5	G-5	63,855	(56,472)	0	7,383
OUTDOOR LIGHTING STREET LIGHTING FLOOD LIGHTING	S-1	S-1	16,335	(16,332)	0	3
			1,883	(1,649)	0	233
CONTRACTS	-	-	30,284	(30,284)	0	0
UNBILLED SALES	-	-	0	0	0	0
RETAIL TOTAL			3,815,751	(0)	0	3,815,751
WHOLESALE			0	0	0	0
TOTAL			\$3,815,751	(\$0)	\$0	\$3,815,751

SCH4

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 4

DEVELOPMENT OF PROPOSED BASE REVENUE

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1) ADJUSTED BASE REVENUE	(2) PROPOSED COSS ADJUST.	(3) UNBILLED ADJUST.	(4) INTER. CONTRACT ADJUST.	(5) OUTDOOR LIGHTING ADJUST.	(6) LOW INCOME ADJUST.	(7) LI & TOU COSS REASSIGN	(8) PROPOSED BASE REVENUE
RESIDENTIAL ASST. RESIDENTIAL HEATING	R-1	R-1	10,958,623	1,084,112	5,352	(6,496)	47,832	58,040	34,171	12,181,635
RESIDENTIAL HEATING	R-2	R-2	718,891	204,381	128	(161)	1,187	(311,589)	(34,171)	578,666
RES. HEATING ASST.	R-3	R-3	735,401	75,677	393	(536)	3,950	4,793	(10,746)	808,932
OPT. RESIDENTIAL TOU	R-4	R-4	98,266	8,873	14	(17)	128	(41,303)	10,746	76,706
OPT. RES. HEATING TOU	R-5	R-5	1,026	0	1	0	0	0	0	1,027
GENERAL	R-6	R-6	889	0	1	0	0	0	0	890
LARGE GENERAL TOU	G-1	G-1	2,058,540	473,219	1,407	(1,663)	12,246	14,859	0	2,558,608
SECONDARY	G-1	G-1	9,830,567	1,145,807	6,678	(6,411)	47,207	57,281	0	11,081,130
LARGE GENERAL TOU	G-2	G-2	16,186,117	1,988,698	13,529	(11,316)	83,320	101,101	0	18,361,449
13.8 KV	G-3	G-3	20,066,536	1,821,689	21,742	(10,977)	80,829	98,078	0	22,077,897
OPT. GENERAL TOU	G-4	G-4	46,247	0	40	0	0	0	0	46,287
COMMERCIAL	G-5	G-5	1,205,710	9,899	874	(859)	6,322	7,671	0	1,229,618
OUTDOOR LIGHTING	S-1	S-1	993,208	374,964	216	(1,142)	(261,449)	10,208	0	1,116,003
STREET LIGHTING			83,798	31,636	25	(96)	(21,572)	861	0	94,652
FLOOD LIGHTING			391,059	0	406	39,675	0	0	0	431,141
CONTRACTS	-	-	(237,234)	0	(50,805)	0	0	0	0	(288,040)
UNBILLED SALES										
RETAIL TOTAL			63,137,644	7,218,955	0	0	(0)	(0)	(0)	70,356,599
WHOLESALE			6,765,952	426,533	0	0	-	-	-	7,192,485
TOTAL			69,903,596	7,645,488	0	0	(0)	(0)	(0)	77,549,084
				7,218,955			283,021	352,892		

- (1) Schedule 3-D, column (1)
 (2) Schedule 4A, column (5) except Rate G-0/G-1 adjusted to reflect 15% increase for G-0 before other adjustments.
 (3) Adjustment to reflect change to unbilled revenue based on average increase per kwh using Kwh allocation basis.
 (4) Adjustment to reflect change to interruptible contract revenue based on average increase to Rate G-3 base revenues using rate base allocation basis.
 (5) Adjustment to reflect cap on increase for Rate S-1 to 1.5 times total increase % (7.2 * 1.5 = 10.8) using rate base allocation basis.
 (6) Adjustment to reflect LI discount using rate base allocation basis.
 (7) Adjustment to reflect LI revenue reassignment needed for R-1/R-2 and R-3/R-4 to meet combined target revenue requirements.
 (8) Sum of columns (1) through (7).

SCH4A

11-Jun-93

CAMBRIDGE ELECTRIC LIGHT COMPANY
12 MONTHS ENDED JUNE - 1992

SCHEDULE 4-A

DEVELOPMENT OF PROPOSED BASE REVENUE

RATE SCHEDULES	PRESENT RATE NUMBER	PROPOSED RATE NUMBER	(1) RATE BASE	(2) KWH	(3) (DPU-RR-12) COST TO SERVE	(4) (DPU-RR-12) REVENUE DEFICIENCY	(5) ADJUSTED DEFICIENCY
RESIDENTIAL	R-1	R-1	13,493,935	138,214,075	16,965,740	1,567,241	1,084,112
RESIDENTIAL ASST.	R-2	R-2	3,493,995	3,293,244	499,421	216,837	204,381
RESIDENTIAL HEATING	R-3	R-3	1,114,255	10,161,741	1,196,043	705,507	75,677
RES. HEATING ASST.	R-4	R-4	36,069	364,471	40,572	9,885	8,873
OPT. RESIDENTIAL TOU	R-5	R-5	0	15,038	0	0	0
OPT. RES. HEATING TOU	R-6	R-6	0	19,164	0	0	0
GENERAL	G-1	G-1	3,454,622	36,327,069	2,360,548	826,609	767,736
	G-1	G-1	13,317,549	172,449,190	18,313,551	1,308,034	851,290
LARGE GENERAL TOU	G-2	G-2	23,505,248	349,388,208	29,029,822	2,712,708	1,988,698
SECONDARY	G-3	G-3	22,802,424	561,495,175	41,489,338	2,856,443	1,821,689
LARGE GENERAL TOU	G-4	G-4	0	1,034,143	0	0	0
13.8 KV	G-5	G-5	1,783,568	22,561,135	1,871,724	56,580	9,899
COMMERCIAL	S-1	S-1	2,373,259	5,584,519	1,693,745	448,842	374,964
SPACE HEATING			200,234	647,976	0	0	31,636
OUTDOOR LIGHTING			0	10,487,251	0	0	0
FLOOD LIGHTING			0	(9,169,323)	0	0	0
CONTRACTS	-	-					
UNBILLED SALES	-	-					
RETAIL TOTAL			82,416,158	1,302,873,076	113,460,504	10,048,686	7,218,955
WHOLESALE			4,540,235	97,620,460	6,976,904	726,798	426,533
TOTAL			86,956,393	1,400,493,536	120,437,408	10,775,484	7,645,488
							7,218,955

(1) DPU-RR-12, Attachment (b), page 1-1 through 1-4, line 17.

(2) Exhibit CEL-26 Worksheet 1.1.

(3) DPU-RR-12, Attachment (b), page 2-1 through 2-4, line 14.

(4) DPU-RR-12, Attachment (b), page 2-1 through 2-4, line 16.

(5) The COSS revenue deficiency is adjusted downward to reflect the allowed increase by apportioning the total reduction in revenue deficiency on the basis of total COSS revenue requirement (Col. 3).
i.e. [(\$7,218,955 less Column (4)(Retail Total)) * Column (3)(Retail Total) + Column (4).

**CAMBRIDGE ELECTRIC LIGHT COMPANY
SUMMARY OF PRESENT VS PROPOSED RATES**

**COMPLIANCE - SET B
(PER DPU 92-250)**

RATE SCHEDULES	RATE	RATE PER MONTH	PRESENT	PROPOSED RATE (REV 2/1/93)	6/1/93	6/1/94	6/1/95	6/1/96
LG GEN TOU (SEC)	G-2	CUSTOMER CHARGE: LOAD CHARGE: FIRST 100 KVA OVER 100 KVA ENERGY CHARGE (CENT/KWH) PEAK PERIOD LOW "A" LOW "B"	\$80.00 \$400.00 \$13.13 PER KVA 1.727 1.183 0.501	\$100.00 \$6.68 PER KVA \$13.35 PER KVA 3.131 2.490 1.901	\$100.00 \$6.72 PER KVA \$13.45 PER KVA 2.860 2.208 1.617	\$100.00 \$6.72 PER KVA \$13.45 PER KVA 2.884 2.232 1.641	\$100.00 \$6.72 PER KVA \$13.45 PER KVA 2.907 2.255 1.664	\$100.00 \$6.72 PER KVA \$13.45 PER KVA 2.931 2.279 1.688
LG GEN TOU (13.8 KV)	G-3	CUSTOMER CHARGE: LOAD CHARGE: FIRST 100 KVA OVER 100 KVA ENERGY CHARGE (CENT/KWH) PEAK PERIOD LOW "A" LOW "B"	\$0.00 \$624.66 \$10.84 PER KVA 0.940 0.418 0.000	\$100.00 PEAK LOAD \$10.30 PER KVA 2.669 2.048 1.484	\$100.00 \$624.66 \$11.50 PER KVA 2.117 1.486 0.917	\$100.00 \$624.66 \$11.50 PER KVA 2.141 1.510 0.941	\$100.00 \$624.66 \$11.50 PER KVA 2.164 1.533 0.964	\$100.00 \$624.66 \$11.50 PER KVA 2.188 1.557 0.988
SMALL GEN OPT TOU	G-4	CUSTOMER CHARGE: LOAD CHARGE: PEAK PERIOD ENERGY CHARGE (CENT/KWH) PEAK PERIOD LOW PERIOD	\$4.00 \$12.72 PER KW 1.186 0.189	\$12.00 \$13.07 PER KW 2.469 1.338	\$12.00 \$13.08 PER KW 2.432 1.287	\$12.00 \$13.08 PER KW 2.456 1.311	\$12.00 \$13.08 PER KW 2.479 1.334	\$12.00 \$13.08 PER KW 2.503 1.358
COMM SP HTG (CLOSED)	G-5	CUSTOMER CHARGE: ENERGY CHARGE (CENT/KWH) FIRST 5000 KWH OVER 5000 KWH	\$5.00 3.393 4.765	\$8.00 4.725 6.088	\$8.00 4.488 5.628	\$8.00 4.512 5.652	\$8.00 4.535 5.675	\$8.00 4.559 5.699
SMALL GEN OPT TOU (NON-DEMAND)	G-4	CUSTOMER CHARGE: LOAD CHARGE: PEAK PERIOD ENERGY CHARGE (CENT/KWH) PEAK PERIOD LOW PERIOD	\$4.00 1.186 0.189	\$9.00 16.656 2.072	\$9.00 16.710 2.034	\$9.00 16.734 2.058	\$9.00 16.757 2.081	\$9.00 16.781 2.105

LINE NO.	COST COMPONENT (1)	MARGINAL COSTS (2)	ANNUAL CLASS CP OR NCP (3)	LOSS FACTORS (4)	DEMAND BILLING UNITS (5)	KWH BILLING UNITS (6)	FACTOR/ PERCENT OF USE (7)	WEIGHTED RATES (8)	REVENUES (9)
1	MARGINAL COSTS								
2	DEMAND --- (\$/KW)								
3	PRODUCTION	\$76.41	59,364	1.03491	943,357	349,388,208	0.000164	\$4.64617	
4	TRANSMISSION	\$34.35	65,298	1.03491	943,357	349,388,208	0.000181	\$2.29746	
5	DISTRIBUTION	\$95.56	66,445	1.03491	943,357	349,388,208	0.000184	\$6.50369	
6									
7	SUB TOTAL							\$13.44732	
8									
9	ENERGY - (MILLS/KWH)								
10	PEAK	35.84				96,604,196	0.276495	\$0.00991	
11	LOW LOAD A	29.32				92,673,775	0.265246	0.00778	
12	LOW LOAD B	23.41				160,110,237	0.458259	0.01073	
13									
14	SUB TOTAL					349,388,208	100.000%	\$0.02841	
15					FUEL CHG			\$0.01600	
16					NET			\$0.01241	
17									
18									
19	RATES						PROPOSED		
20						UNITS	PRICE	AMOUNT	
21									
22					CUSTOMER	2,978	\$100.00	297,800	
23					DEMAND				
24					<100KVA	297,753	6.72	2,000,900	
25					>100KVA	644,767	13.45	8,672,116	
26									
27					TOTAL	942,520		10,673,017	
28					ENERGY				
29					PEAK	96,527,284	0.0286	2,760,680	
30					LOW A	92,601,553	0.02208	2,044,642	
31					LOW B	159,970,847	0.01617	2,586,729	
32									
33					TOTAL	349,099,684		7,392,051	
34									
35					CALCULATED			18,362,868	
36									
37					ALLOCATED			18,361,449	
38									
39									
40							DIFF	1,419	
41	*****								
42	NOTE: BILLING UNITS ARE ADJUSTED FOR PRIMARY SERVICE DISCOUNTS AS FOLLOWS:								
43	BILLS	KWH	KVA						
44	2	288,524	837						
45	*****								

